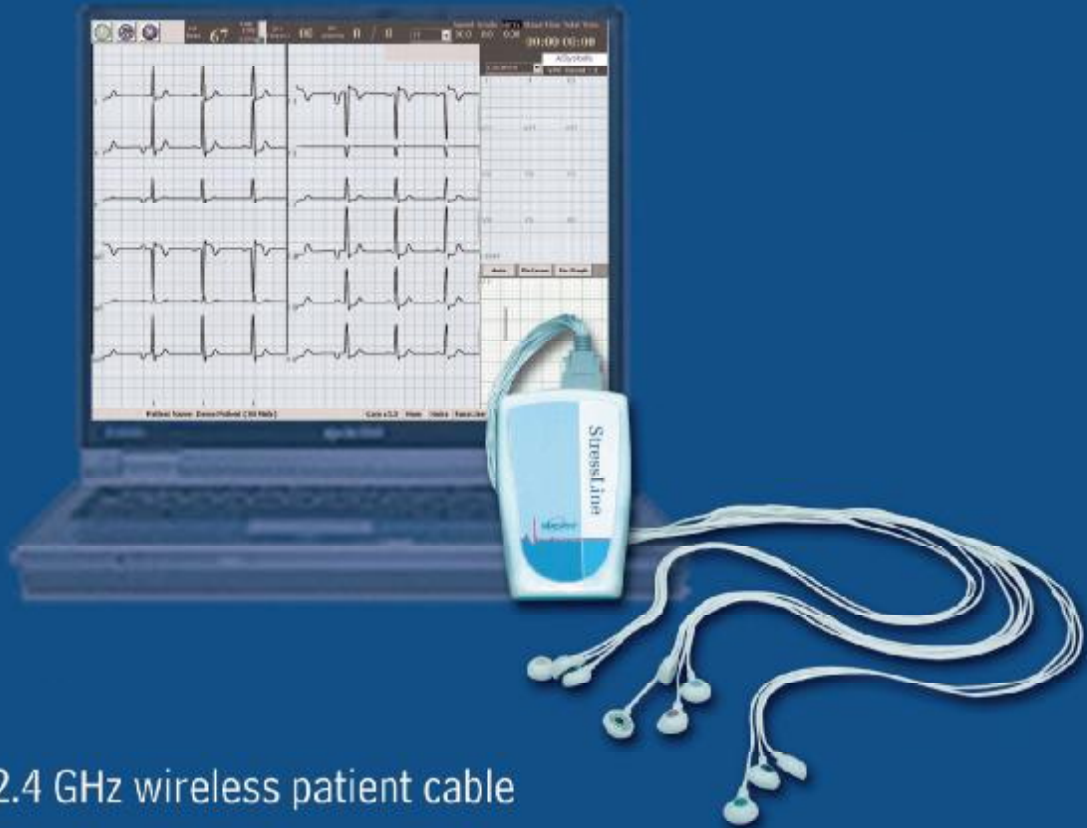


Life Support Technology From Maestros

# StressLine™ W

## Wireless Stress Test



- 2.4 GHz wireless patient cable
- Windows 98 / XP compatible
- 32 bit digital signal processor
- Innovative baseline correction algorithm
- Complete storage & retrieval of 100 tests
- Programmable display & print format
- High resolution printing using laser printer

**Maestros**  
enabling technology for you

**Maestros Mediline Systems Limited**

# Stressline™ W

Wireless Stress Test

## Technical Specifications

### Display

Type : High resolution colour SVGA  
 Nos. of traces : 12 leads  
 Sweep speed : 25 mm/sec, 50 mm/sec  
 Frequency response : 0.05 to 40 Hz / 0.05 to 125 Hz  
 User configurable : Heart rate & target heart rate  
 display data Stage elapsed and total time  
 Treadmill speed and grade  
 12 lead averages with zoomed  
 average for max. ST change  
 Blood pressure & BP prompt  
 Resting & current average  
 complexes with ST measurements  
 Procedure & protocol selected

### Data acquisition

Nos. of electrodes : 10 Nos  
 Input channels : Simultaneous acquisition of all 12  
 leads  
 Input impedance : > 10 M ohms  
 Frequency response : 0.05 Hz to 125 Hz  
 CMRR : 90 DB  
 Patient leakage current < 10 microamps  
 Protection : Against defibrillator & ESU

### ECG processing

Leads : All 12 leads  
 Sampling Rate : 500 sample /sec./ch.  
 Filters : Programmable  
 Low pass : 0.05 Hz to 75 Hz  
 programmable  
 Noise : 50/60 Hz AC  
 interference  
 Muscle : 35 Hz tremor  
 Baseline control : Digital signal processing  
 algorithm

ST measurements : Automatic with  
 programmable J point  
 selection

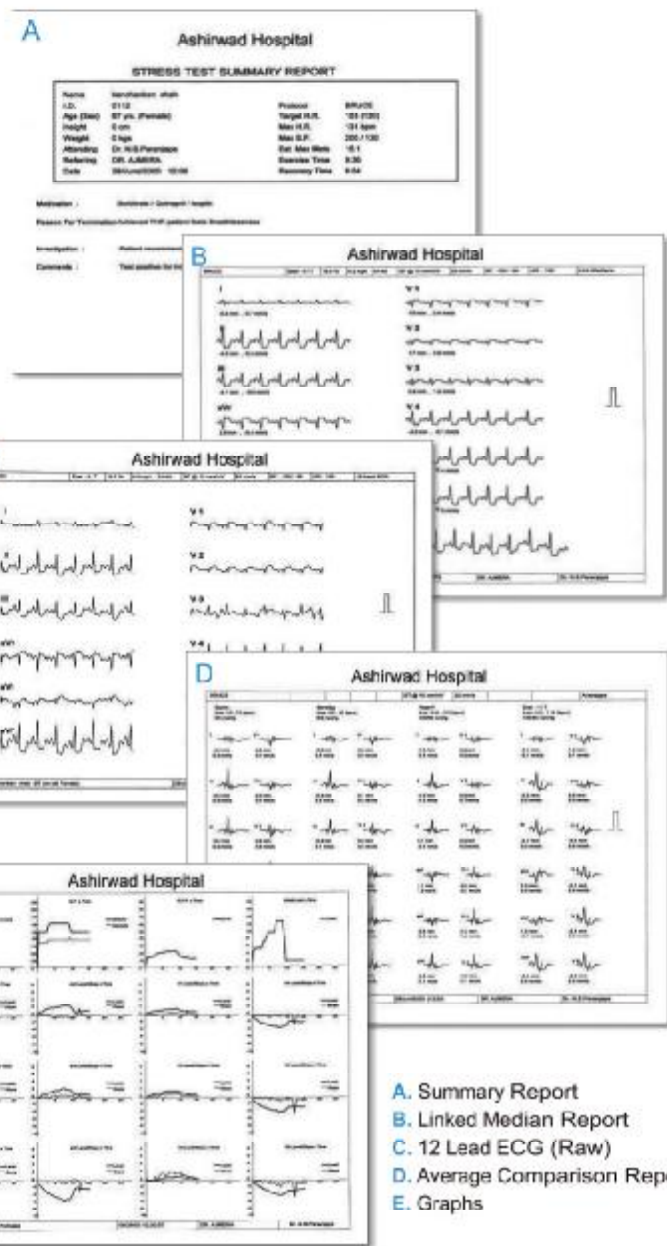
Average beats : Real time cascade  
 averages of last 6  
 seconds

ECG storage : Beat to Beat  
 ECG data for  
 complete test

Full disclosure : Compressed ECG data  
 for whole test

### Reports

Method : Windows® compatible printer  
 Paper type : Plain A4 paper  
 Report formats : 12 lead in-test rhythm  
 12 lead linked median in-test  
 12 lead linked median with rhythm  
 12 lead stage wise report  
 Tabular final summary report  
 Selected parameter trend graphs  
 ST parameter comparisons  
 Stage comparison report



A. Summary Report  
 B. Linked Median Report  
 C. 12 Lead ECG (Raw)  
 D. Average Comparison Report  
 E. Graphs

## TREADMILL SPECIFICATIONS

- | Belt area - 500 mm, X 1400 mm
- | Speed Control - 1.7 to 16 KMPH
- | Control - 0 to 22 %
- | Patient Load - Up to 150 kgs
- | Mains Voltage - 230 V 50 Hz 10 Amp
- | Floor space - 710 mm X 1956 mm
- | Shipping weight - 180 Kgs
- | Belt Motor - 2 HP
- | Elevation Motor - 1/8 HP

